

OIEP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/996,357

DATE: 12/05/2001

TIME: 10:09:34

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\11212001\I996357.raw

ENTERED

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3 <110> APPLICANT: Gefter, Malcolm L
4      Isreal, David I
5      Joyal, John L
6      Gosselin, Michael
8 <120> TITLE OF INVENTION: THERAPEUTIC AGENTS AND METHODS OF USE THEREOF FOR
9      TREATING AN AMYLOIDOGENIC DISEASE
11 <130> FILE REFERENCE: PPI-105
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/996,357
C--> 14 <141> CURRENT FILING DATE: 2001-11-27
16 <150> PRIOR APPLICATION NUMBER: 60/253,302
17 <151> PRIOR FILING DATE: 2000-11-27
19 <150> PRIOR APPLICATION NUMBER: 60/250,198
20 <151> PRIOR FILING DATE: 2000-11-29
22 <150> PRIOR APPLICATION NUMBER: 60/257,186
23 <151> PRIOR FILING DATE: 2000-12-20
25 <160> NUMBER OF SEQ ID NOS: 13
27 <170> SOFTWARE: PatentIn Ver. 2.0
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31 <212> TYPE: PRT
32 <213> ORGANISM: Homo sapiens
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38 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
39           20               25               30
41 Gly Leu Met Val Gly Gly Val Val Ile Ala Thr
42           35               40
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46 <211> LENGTH: 4
47 <212> TYPE: PRT
48 <213> ORGANISM: Homo sapiens
50 <400> SEQUENCE: 2
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52   1
55 <210> SEQ ID NO: 3
56 <211> LENGTH: 5
57 <212> TYPE: PRT
58 <213> ORGANISM: Homo sapiens
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62   1               5
65 <210> SEQ ID NO: 4
66 <211> LENGTH: 8
67 <212> TYPE: PRT
68 <213> ORGANISM: Homo sapiens
70 <400> SEQUENCE: 4

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71 Ala Gly Ala Ala Ala Ala Gly Ala
72   1           5
75 <210> SEQ ID NO: 5
76 <211> LENGTH: 5
77 <212> TYPE: PRT
78 <213> ORGANISM: Homo sapiens
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81 Ala Ile Leu Ser Ser
82   1           5
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86 <211> LENGTH: 36
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Description of Artificial Sequence:primers
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94 ctggttccgc gtggatccgt gccagggat tgtggt 36
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97 <211> LENGTH: 33
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Description of Artificial Sequence:primers
104 <400> SEQUENCE: 7
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108 <211> LENGTH: 22
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117           20
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121 <211> LENGTH: 15
122 <212> TYPE: PRT
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126 Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala
127   1           5           10           15
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131 <211> LENGTH: 232
132 <212> TYPE: PRT
133 <213> ORGANISM: Homo sapiens
135 <400> SEQUENCE: 10
136 Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala
137   1           5           10           15
139 Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro

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140          20          25          30
142 Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val
143          35          40          45
145 Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val
146          50          55          60
148 Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln
149          65          70          75          80
151 Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln
152          85          90          95
154 Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala
155          100          105          110
157 Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro
158          115          120          125
160 Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr
161          130          135          140
163 Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser
164 145          150          155          160
166 Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr
167          165          170          175
169 Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr
170          180          185          190
172 Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe
173          195          200          205
175 Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys
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178 Ser Leu Ser Leu Ser Pro Gly Lys
179 225          230
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183 <211> LENGTH: 804
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Description of Artificial Sequence:alpha-beta(16-30)Fc
190 <400> SEQUENCE: 11
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192 aagcttgtat tcttcgcaga agacgtcgga togaacaaag gtgccgagcc caaatcttgt 120
193 gacaaaactc acacatgccc accgtgcccga gcacctgaac tcctgggggg accgtcagtc 180
194 ttctctctcc ccccaaaacc caaggacacc ctcatgatat cccggacccc tgaggtcaca 240
195 tgcgtggtgg tggacgtgag ccacgaagac cctgagggtca agttcaactg gtacgtggac 300
196 ggcgtggagg tgcataatgc caagacaaag ccgcgggagg agcagtacaa cagcacgtac 360
197 cgggtggtca gcgtcctcac cgtcctgcac caggactggc tgaatggcaa ggagtacaag 420
198 tgcaaggtct ccaacaaagc cctcccagcc cccatcgaga aaaccatctc caaagccaaa 480
199 gggcagcccc gagaaccaca ggtgtacacc ctgcccccat cccgggatga gctgaccaag 540
200 aaccagggtca gctgacctg cctgggtcaaa ggcttctatc ccagcgacat cgccgtggag 600
201 tgggagagca atgggcagcc ggagaacaac tacaagacca cgctcccgtg gctggactcc 660
202 gacggtcctt tcttctctta cagcaagctc accgtggaca agagcagggtg gcagcagggg 720
203 aacgtcttct catgctccgt gatgcatgag gctctgcaca accactacac gcagaagagc 780
204 ctctccctgt ctccgggtaa atga 804
206 <210> SEQ ID NO: 12

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207 <211> LENGTH: 267
208 <212> TYPE: PRT
209 <213> ORGANISM: Artificial Sequence
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212 <223> OTHER INFORMATION: Description of Artificial Sequence:alpha-beta(16-30)Fc
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216 1 5 10 15
218 Ala Val Phe Val Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn
219 20 25 30
221 Lys Gly Ala Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro
222 35 40 45
224 Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro
225 50 55 60
227 Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr
228 65 70 75 80
230 Cys Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn
231 85 90 95
233 Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg
234 100 105 110
236 Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val
237 115 120 125
239 Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser
240 130 135 140
242 Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys
243 145 150 155 160
245 Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp
246 165 170 175
248 Glu Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe
249 180 185 190
251 Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu
252 195 200 205
254 Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe
255 210 215 220
257 Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly
258 225 230 235 240
260 Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr
261 245 250 255
263 Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys
264 260 265
267 <210> SEQ ID NO: 13
268 <211> LENGTH: 247
269 <212> TYPE: PRT
270 <213> ORGANISM: Homo sapiens
272 <400> SEQUENCE: 13
273 Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Glu
274 1 5 10 15
276 Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro
277 20 25 30

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279 Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys
280      35      40      45
282 Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val
283      50      55      60
285 Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp
286      65      70      75      80
288 Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr
289      85      90      95
291 Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp
292      100      105      110
294 Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu
295      115      120      125
297 Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg
298      130      135      140
300 Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys
301      145      150      155      160
303 Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp
304      165      170      175
306 Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys
307      180      185      190
309 Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser
310      195      200      205
312 Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser
313      210      215      220
315 Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser
316      225      230      235      240
318 Leu Ser Leu Ser Pro Gly Lys
319      245

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VERIFICATION SUMMARY

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L:13 M:270 C: Current Application Number differs, Replaced Application Number

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date